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PATENT ABSTRACTS OF JAPAN

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(54) SHORT CIRCUIT PROTECTIVE DEVICE FOR ELECTROMOTIVE ACTUATOR

(57) Abstract:

PURPOSE: To prevent malfunction of an actuator and its circuits, and damage of the circuits even through a short circuit occurs, by providing a short circuit detecting means, changing over the actuator to an inoperating condition and

maintaining this condition.

occurs, the transistor Tr2 detects a condition until a main power source is interrupted. supply condition, maintains this without changing over to a current stops a supply of a drive current and voltage change, and a latch circuit 36 change-over hold circuit 35 maintains over to an inoperating condition and a controller 25 is forced to be changed accordance with the detection of the solenoids 27 and 28 are shortcondition, and, when electromagnetic transistor Tr2 remains an 'off' to the collector of a transistor (Tr1). detecting transistor Tr2 is connected this condition. When a short circuit transistor Tr2, a signal from a on' and detects a short circuit. In circuited, the transistor Tr2 becomes During normal operation, the CONSTITUTION: A short circuit

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